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|               | Maintaining Worldwide   | § |                         |
|               | E-commerce              | § |                         |
|               |                         | § |                         |
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**PRELIMINARY AMENDMENT**

Mail Stop Patent Application

Date: August 10, 2005

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Sir:

The Examiner is respectfully requested to enter the following amendment prior to the calculation of fees and the examination of the present above-identified patent application. **This document replaces the previous one mailed on August 05, 2005. It was missing three claims.**

**Amendments to the Specification** begins on page 3 of this paper.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 7 of this paper.

**Remarks/Arguments** begin on page 45 of this paper.

### **Amendments to the Specification:**

Please replace the paragraph beginning at page 59. At a previous correspondence, the following paragraph on page 59 line 1-9, was cancelled:

“Once an e-service is displayed on a client computer it will be one or more objects and having means for its association with the VNRI's e-commerce or other e-services. Also, these e-services can be made available directly to a server through the VNRI infrastructure instead of being incorporated in a satellite e-mail or be displayed directly to a client computer without the user of a sever. In the latter case, the e-services displayed at the client will be fetched from the VNRI. Furthermore, e-services/contents can be retrieved from different server by another server (secondary server) and this secondary server will make any or all of these e-services available to one or more servers (tertiary servers) and each of the tertiary server will make these e-services available to a client.”

And replaced with this paragraph: “Once an e-service is displayed on a client computer it will be one or more objects and at least one of these objects will enable communication between the client computer and VNRI. The client computer will process the object and initiate a communication with VNRI passing parameters about the displayed content page and the server's location from where it was fetched. Next, VNRI will use the received parameters than it will fetch the e-service/content (the same one that is displayed at the client computer) from the server where it is hosted. After receiving the e-service/content VNRI will process its

objects and fetch at least one other of its stored e-service/content or e-commerce, and return it to the client computer. Therefore, e-service/content displayed at the client computer will be fetched from the VNRI and at least one other server. Also, instead of requesting the e-service/content from the server every time an end user at the client computer requests it, VNRI may fetch it once, process it, and stores the processed objects for future use.

By canceling the paragraph, the following section was left out "Also, these e-services can be made available directly to a server through the VNRI infrastructure instead of being incorporated in a satellite e-mail or be displayed directly to a client computer without the user of a sever. In the latter case, the e-services displayed at the client will be fetched from the VNRI. Furthermore, e-services/contents can be retrieved from different server by another server (secondary server) and this secondary server will make any or all of these e-services available to one or more servers (tertiary servers) and each of the tertiary server will make these e-services available to a client."

The left out paragraph is reintroduced with corrections to clarify its intended meaning. Please insert the new paragraph after the paragraph that replaced the old one. The two paragraphs (the previously replaced paragraph and the new reintroduced paragraph) should read as follows.

Once an e-service is displayed on a client computer it will be one or more objects and at least one of these objects will enable communication between the client computer and VNRI. The client computer will process the object and initiate a communication with VNRI passing parameters about the displayed content page and the server's location from where it was fetched. Next, VNRI will use the received parameters than it will fetch the e-service/content (the same one that is displayed at the client computer) from the server where it is hosted. After receiving the e-service/content VNRI will process its objects and fetch at least one other of its stored e-service/content or e-commerce, and return it to the client computer. Therefore, e-service/content displayed at the client computer will be fetched from the VNRI and at least one other server. Also, instead of requesting the e-service/content from the server every time an end user at the client computer requests it, VNRI may fetch it once, process it, and stores the processed objects for future use.

Also, contents can be fetched by the VNRI from third party servers (third party servers not associated with the VNRI infrastructure) and pass them on to other third part servers. The other third party servers in turn will make the contents received from VNRI available to end users at client computers accessing them. So, a end user at a client computer accesses a server and request at least one content, the server requests the at least one content from VNRI. Next, VNRI will request the at least one content from other third party servers and return any received content from the requested third party servers, then transmit them to the third party server that initiated the request. VNRI acts as an intermediary between

at least two third party servers and performs the job of fetching and supplying contents from/to other servers.

Please replace the paragraph on page 16 lines 16-18 with the following one.

~~Virtual e-mall is when an e-mall place goods/services from any e-shop or web site from the virtual network. An e-mall can have e-shops and web sites, but cannot have products/services of its own (dynamically). Any products offered by an e-mall are virtual ones.~~

Virtual e-mall is when an e-mall place goods/services from any e-shop or web site from the virtual network. A virtual e-mall can also have e-shops, e-distributors and web sites.

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-115 (cancelled)

116. (new) A virtual network comprising:

at least a first computer having a first software element embedded on at least one tangible media on said first computer, said a first software element hosting at least one content;

a second software element embedded on at least one tangible media hosting at least one content; and

a third software element embedded on at least one tangible media, said a third software element virtually hosting said at least one content hosted by said a first software element and said at least one content hosted by said a second software element.

117. (new) The virtual network according to claim 116 further comprising:

- at least one end user at a computer accesses said a third software element and view said at least one content hosted by said a first software element and said at least one content hosted by said a second software element.
118. (new) The virtual network according to claim 116 further comprising:  
said a second software element virtually hosting said at least one content hosted by said a first software element.
119. (new) The virtual network according to claim 118 further comprising:  
at least one end user at a computer accesses said a second software element and view said at least one content hosted by said a first software element.
120. (new) The virtual network according to claim 116 further comprising:  
said a third software element hosting at least one content.
121. (new) The virtual network according to claim 120 further comprising:  
said a first software element having means to manage said at least one content hosted by said a first software element, said a second software element having means to manage said at least one content hosted by said a second software element and said a third software element having means to manage said at least one content hosted by said a third



- software element wherein said means to manage comprises at least one of: edit; update; change; and delete.
122. (new) The virtual network according to claim 120 further comprising:  
at least one end user at a computer accesses said a third software element and view said at least one content hosted by said a third software element.
123. (new) The virtual network according to claim 120 wherein said at least one content hosted by said a first software element, said at least one content hosted by said a second software element and said at least one content hosted by said a third software element are in a class having at least one of: web page, good for sale, good for sale at a fixed price and web form.
124. (new) The virtual network according to claim 123 further comprising:  
said a first software element having means to manage said at least one content hosted by said a first software element, said a second software element having means to manage said at least one content hosted by said a second software element and said a third software element having means to manage said at least one content hosted by said a third software element wherein said means to manage comprises at least one of: edit; update; change; and delete.

125. (new) The virtual network according to claim 120 wherein said a first software element, said a second software element and said a third software element are a class having at least one of: e-commerce application, e-business application, news application, weather application, e-service application, content hosting application, e-mail, e-portal, e-city, e-community, e-school and web site.
126. (new) The virtual network according to claim 116 further comprising:  
at least one end user at a computer accesses said a first software element and view said at least one content hosted by said a first software element.
127. (new) The virtual network according to claim 116 further comprising:  
at least one end user at a computer accesses said second software element and view said at least one content hosted by said a second software element.
128. (new) A virtual network comprising:  
said virtual network having means for hosting software application container wherein said software application container acts as a container of others software applications hosted by said virtual network;  
  
a first software application container is hosted by said virtual network;

a first software application is hosted by said virtual network and said a first software application hosting at least one content;

a second software application is hosted by said virtual network and said a second software application hosting at least one content;

said a first software application container contains said a first software application and said a second software application; and

said a first software application container virtually hosting said at least one content hosted by said a first software application and said at least one content hosted by said a second software application.

129. (new) The virtual network according to claim 128 further comprising:  
at least one end user at a computer accesses said a first software application container and view said at least one content hosted by said a first software application and said at least one content hosted by said a second software application.

130. (new) The virtual network according to claim 128 further comprising:

at least one end user at a computer accesses said a first software application and view said at least one content hosted by said a first software application.

131. (new) The virtual network according to claim 128 further comprising:  
at least one end user at a computer accesses said a second software application and view said at least one content hosted by said a second software application.

132. (new) The virtual network according to claim 128 further comprising:  
said virtual network having means for fetching contents located at a third party computer and said third party computer is not integrated with said virtual network infrastructure; and

said virtual network uses said means for fetching contents from a third party computer and fetches at least one content from a third party computer.

133. (new) The virtual network according to claim 132 further comprising:  
at least one end user at a computer accesses said a first software application container and view said at least one content hosted by said a first software application and said at least one content fetched by said virtual network from said third party computer.

134. (new) The virtual network according to claim 132 further comprising:  
at least one end user at a computer accesses said a first software application container and view said at least one content hosted by said a second software application and said at least one content fetched by said virtual network from said third party computer.
135. (new) The virtual network according to claim 132 further comprising:  
at least one end user at a computer accesses said a first software application container and view said at least one content hosted by said a first software application, said at least one content hosted by said a second software application and said at least one content fetched by said virtual network from said third party computer.
136. (new) The virtual network according to claim 132 further comprising:  
at least one end user at a computer accesses said a first software application and view said at least one content hosted by said a first software application and said at least one content fetched by said virtual network from said third party computer.
137. (new) The virtual network according to claim 132 further comprising:  
at least one end user at a computer accesses said a second software application and view said at least one content hosted by said a second

software application and said at least one content fetched by said virtual network from said third party computer.

138. (new) The virtual network according to claim 128 further comprising:  
said a second software application virtually hosts said at least one content hosted by said a first software application.

139. (new) The virtual network according to claim 138 further comprising:  
at least one end user at a computer accesses said a second software application and view said at least one content hosted by said a first software application.

140. (new) The virtual network according to claim 138 further comprising:  
said virtual network having means for fetching contents located at a third party computer and said third party computer is not integrated with said virtual network infrastructure; and

said virtual network uses said means for fetching contents from a third party computer and fetches at least one content from a third party computer;

141. (new) The virtual network according to claim 140 further comprising:

at least one end user at a computer accesses said a second software application and view said at least one content hosted by said a first software application and said at least one content fetched by said virtual network from said third party computer.

142. (new) The virtual network according to claim 140 further comprising:  
at least one end user at a computer accesses said a second software application and view said at least one content hosted by said a first software application, said at least one content hosted by said a second software application and said at least one content fetched by said virtual network from said third party computer.

143. (new) The virtual network according to claim 128 further comprising:  
a second software application container is hosted by said virtual network;  
  
a third software application is hosted by said virtual network and said a third software application hosting at least one content; and  
  
said a second software application container contains said a third software application.

144. (new) The virtual network according to claim 143 wherein said a first software application, said a second software application and said a third

software application are in a class having at least one of: e-commerce application, e-business application, news application, weather application, e-city, e-community, e-school, e-service application, content hosting application and web site.

145. (new) The virtual network according to claim 143 wherein said a first software application container and said a second software application container are in a class having at least one of: e-commerce application, e-business application, news application, weather application, e-service application, content hosting application, e-mail, e-portal, e-city, e-community, e-school and web site.

146. (new) The virtual network according to claim 143 further comprising: said a second software application virtually hosting said at least one content hosted by said third software application.

147. (new) The virtual network according to claim 143 further comprising: said first software application container virtually hosting said at least one content hosted by said third software application.

148. (new) The virtual network according to claim 143 further comprising: said first software application container virtually hosting said third software application.



149. (new) The virtual network according to claim 143 further comprising:  
said a first software application having means for managing said at least one content hosted by said a first software application, said a second software application having means for managing said at least one content hosted by said a second software application and said a third software application having means for managing said at least one content hosted by said a third software application wherein said means for managing comprises at least one of: edit; update; change; and delete.
150. (new) The virtual network according to claim 143 wherein said at least one content hosted by said a first software application, said at least one content hosted by said a second software application and said at least one content hosted by said a third software application are in a class having at least one of: web page, good for sale, good for sale at a fixed price, web page and web form.
151. (new) The virtual network according to claim 128 further comprising: said a first software application container hosting at least one content.
152. (new) The virtual network according to claim 151 further comprising:  
at least one end user at a computer accesses said a first software application container and view said at least one content hosted by said a

- first software application and said at least one content hosted by said a first software application container.
153. (new) The virtual network according to claim 151 further comprising:  
said a first software application container having means to manage said at least one content hosted by said a first software application container, said a first software application having means to manage said at least one content hosted by said a first software application and said a second software application having means to manage said at least one content hosted by said a second software application wherein said means to manage comprises at least one of: edit; update; change; and delete.
154. (new) The virtual network according to claim 153 wherein said at least one content hosted by said a first software application, said at least one content hosted by said a second software application and said at least one content hosted by said a third software application are in a class having at least one of: good for sale, good for sale at a fixed price, web page and web form.
155. (new) A virtual network comprising:  
said virtual network having means for fetching contents located at a third party computer and said third party computer is not integrated with said virtual network infrastructure;

said virtual network having means for hosting software application container wherein said software application container acts as a container of others applications hosted by said virtual network;

a first software application container is hosted by said virtual network;

a first software application is hosted by said virtual network and said a first software application uses said means for fetching contents from a third party computer and fetches at least one content from a third party computer;

a second software application is hosted by said virtual network and said a second software application hosting at least one content;

said a first software application container contains said a first software application and said a second software application;

said a first software application container virtually hosting said at least one content fetched from said a third party computer by said a first software application and said at least one content hosted by said a second software application; and

at least one end user at a computer accesses said a first software application container and view said at least one content fetched by said a first software application from said a third party computer and said at least one content hosted by said a second software application.

156. (new) A virtual network comprising:

said virtual network having means for fetching contents located at a third party computer and said third party computer is not integrated with said virtual network infrastructure;

said virtual network having means for hosting software application container wherein said software application container acts as a container of others applications hosted by said virtual network;

a first software application container is hosted by said virtual network;

a first software application is hosted by said virtual network and said a first software application uses said means for fetching contents from a third party computer and fetches at least one content from a third party computer;

a second software application is hosted by said virtual network and said a second software application uses said means for fetching contents from a

third party computer and fetches at least one content from a third party computer;

said a first software application container contains said a first software application and said a second software application;

said a first software application container virtually hosting said at least one content fetched from said a third party computer by said a first software application and said at least one content fetched from said a third party computer by said a second software application; and

at least one end user at a computer accesses said a first software application container and view said at least one content fetched by said a first software application from said a third party computer and said at least one content fetched from said a third party computer by said a second software application.

157. (new) A virtual network comprising:

said virtual network having means for fetching contents from third party computers wherein said third party computers are not associated with said virtual network infrastructure;

said virtual network uses said means for fetching contents from third party computers and fetch at least one content from a third party computer;

a plurality of contents are hosted by said virtual network;

at least one end user at a client computer accesses a computer and initiates a request for a content wherein said computer from where said client computer is accessing and has initiated said request for said content is same said third party computer from where said virtual network fetched said at least one content from;

said client computer having means to receive said content from said computer;

said content received from said computer by said client computer is a copy of said at least one content fetched by said virtual network from said third party computer;

said content received by said client computer from said computer having a plurality of objects;

at least one object of said plurality of objects of said content received from said computer by said client computer having at least one

identification means to identify said content received by said client computer from said computer;

once said at least one object of said plurality of objects of said content received from said computer by said client computer and having said at least one identification means is processed by said client computer it will enable said client computer to initiate a communication link with said virtual network and pass said at least one identification means of said at least one object of said plurality of objects of said content received from said computer by said client computer to said virtual network;

said virtual network having means to receive said at least one identification means from said client computer;

said virtual network uses said at least one identification means received from said client computer and identify said at least one content that was fetched from said third party computer by said virtual network;

said at least one content identified by said virtual network that was fetched from said third party computer by said virtual network is a copy of said content received by said client computer from said computer;

said at least one content identified by said virtual network that was fetched by said virtual network from said third party computer having a plurality of objects;

said virtual network having means to process said plurality of objects from said at least one content identified by said virtual network that was fetched from said third party computer;

at least one object of said plurality of objects from said at least one content identified by said virtual network that was fetched from said third party computer by said virtual network having a relationship with at least one object of at least one content of said plurality of contents hosted by said virtual network;

said virtual network uses said means to process said plurality of objects from said at least one content identified by said virtual network that was fetched from said third party computer by said virtual network and processes said plurality of objects from said at least one content identified by said virtual network that was fetched from said third party computer by said virtual network;

said virtual network uses said at least one object of said plurality of objects from said at least one content identified by said virtual network



that was fetched from said third party computer by said virtual network and having a relationship with said at least one object of said at least one content of said plurality of contents as a guiding means for fetching a representation of said at least one content of said plurality of contents having said at least one object which is related with said at least one object of said plurality of objects of said at least one content identified by said virtual network that was fetched from said third party computer by said virtual network;

said virtual network having means to return said fetched representation of said at least one content from said plurality of contents having said at least one object having a relationship with said at least one object of said plurality of objects of said at least one content identified by said virtual network that was fetched from said third party computer by said virtual network to said client computer;

said client computer having means to receive and display said representation of said at least one content received from said virtual network along with said content received by said client computer from said computer; and

said at least one end user at said client computer will view said representation of said at least one content received from said virtual

network by said client computer and said content received from said computer by said client computer as a single content page.

158. (new) The virtual network according to claim 157 wherein said relationship between said at least one object of said plurality of objects from said at least one content identified by said virtual network that was fetched from said third party computer by said virtual network and said at least one object of said at least one content of said plurality of contents comprises at least one of:

a similar word;

a non-displayable object;

a emphasized word;

a word related to a class of subject matter;

a word related to a category of subject matter;

a html object; and

a matching word.

159. (new) The virtual network according to claim 157 wherein said representation of said at least one content of said plurality of contents comprises at least one of:

a link pointing to a URL address of said at least one content of said plurality of contents;

a link pointing to said at least one content of said plurality of contents;

a portion of said at least one content of said plurality of contents;

a description of said at least one content of said plurality of contents;

said at least one content of said plurality of contents in its completeness;

a html form element representing said at least one content of said plurality of contents;

a html object representing said at least one content of said plurality of contents; and

a image representing said at least one content of said plurality of contents.

160. (new) A virtual network comprising:

a plurality of contents hosted by said virtual network;

at least one additional content wherein said at least one additional content is hosted by said virtual network;

said at least one additional content having a plurality of objects;

at least one object of said plurality of objects of said at least one additional content is related to at least one object of at least one content of said plurality of contents;

said virtual network having means to process said plurality of objects from said at least one additional content;

at least one end user at a client computer initiates a request for said at least one additional content;

said virtual network uses said means to process said plurality of objects from said at least one additional content and process said plurality of objects from said at least one additional content;

said virtual network uses said at least one object of said plurality of objects of said at least one additional content that is related to said at least one object of said at least one content of said plurality of contents as a guiding means for fetching a representation of said at least one content of said plurality of contents having said at least one object related to said at least one object of said plurality of objects of said at least one additional content;

said virtual network having means to create a single content page having said at least one additional content and said representation of said fetched at least one content of said plurality of contents having said at least one object that is related with said at least one object of said plurality of objects of said at least one additional content;

said virtual network having means to transmit said single content page to said client computer; and

said client computer having means to receive and display said single content page transmitted by said virtual network to said at least one end user at said client computer.

161. (new) The virtual network according to claim 160 wherein said at least one additional content is hosted by a software application and said software application is hosted by said virtual network.

162. (new) The virtual network according to claim 160 wherein said relationship between said at least one additional content and said representation of said fetched at least one content of said plurality of contents comprises at least one of:

a similar word;

a non-displayable object;

a emphasized word;

a word related to a class of subject matter;

a word related to a category of subject matter;

a html object; and

a matching word.

163. (new) The virtual network according to claim 160 wherein said representation of said at least one content of said plurality of contents comprises at least one of:

a link pointing to a URL address of said at least one content of said plurality of contents;

a link pointing to said at least one content of said plurality of contents;

a portion of said at least one content of said plurality of contents;

a description of said at least one content of said plurality of contents;

said at least one content of said plurality of contents in its completeness;

a html form element representing said at least one content of said plurality of contents;

a html object representing said at least one content of said plurality of contents; and

a image representing said at least one content of said plurality of contents.

164. (new) A virtual network comprising:

a plurality of contents are hosted by said virtual network;

said plurality of contents are categorized in a manner to enable said virtual network to correlate each content of said plurality of contents with end users profiling data and end users preconfigured preferences;

said virtual network having means to present customized contents to end users;

said virtual network having means to register end users and store said end users registration information as end users profiling and login data;

said virtual network having means for registered end users to supply at least one preconfigured preference to said virtual network;



at least one end user registers with said virtual network and supplies at least one preconfigured preference and at least one profiling element;

said at least one end user registered with said virtual network at a client computer logs in with said virtual network;

said virtual network uses said at least one preconfigured preference and said at least one profiling element from said logged in end user at said client computer and searches said plurality of contents and fetch at least one content that is related with said at least one preconfigured preference and said at least one profiling element from said at least one end user logged in with said virtual network;

said virtual network having means to transmit to said client computer said fetched at least one content of said plurality of contents which has a correlation with said at least one preconfigured preference and said at least one profiling element from said at least one end user at said client computer; and

said client computer having means to receive and display said at least one content to said at least one end user at said client computer and said at least one content is customized to said at least one end user at said client computer and said end user is logged in with said virtual network.

165. (new) The virtual network according to claim 164 wherein said end user preconfigured preference is said end user area of interest.
166. (new) The virtual network according to claim 164 wherein said end user profiling is said end user registration information.
167. (new) The virtual network according to claim 166 wherein said end user registration information comprises at least one of: address; city; state; country; zip code; region; sex gender; marital status; income; and words related to said end user previously visited web pages.
168. (new) A virtual network comprising:
- said virtual network having means for fetching contents from third party computers wherein said third party computers are not associated with said virtual network infrastructure;
- said virtual network having means to supply contents to additional third party computers wherein said additional third party computers are not associated with said virtual network infrastructure;

at least one end user at a client computer accesses said additional third party computer and request at least one content from said additional third party computer;

said additional third party computer having means to receive and process said request from said client computer for said at least one content;

said additional third party computer having mean to transmit said request for said at least one content received from said client computer to said virtual network;

said virtual network having means to receive and process said request for said at least one content from said addition third party computer;

said virtual network having means to transmit said request for said at least one content to said third party computer;

said third party computer having means to receive and process said request for said at least one content received from said virtual network;

said third party computer having means for fetching said at least one content request by said virtual network;

said third party computer having means to transmit said fetched at least one content to said virtual network;

said virtual network having means to receive said at least one content transmitted by said third party computer;

said virtual network having means to transmit said at least one content to said additional third party computer;

said additional third party computer having means to receive said at least one content transmitted by said virtual network;

said additional third party computer having means to transmit said at least one content to said client computer;

said client computer having means to receive said at least one content transmitted by said at least one additional third party computer; and

said client computer having means to receive and display said at least one content transmitted by said at least one additional third party computer to said at least one end user at said client computer.

169. (new) A virtual network comprising:

at least a first computer having a first software element embedded on at least one tangible media on said first computer, said a first software element hosting at least one content; and

a second software element embedded on at least one tangible media, said a second software element hosting at least one content and virtually hosting said at least one content hosted by said a first software element.

170. (new) The virtual network according to claim 169, further comprising:  
at least one end user at a client computer accesses said second software element and view said at least one content hosted by said first software element and said at least one content hosted by said second software element.
171. (new) The virtual network according to claim 169 wherein said at least one content hosted by said a first software element and said at least one content hosted by said a second software element are in a class having at least one of: web page, good for sale, good for sale at a fixed price, web page and web form..
172. (new) The virtual network according to claim 169 wherein said a first software element and said a second software element are in a class having at least one of: e-commerce application, e-business application,

news application, weather application, e-service application, content hosting application, e-mall, e-portal, e-city, e-community, e-school and web site.

173. (new) A virtual network comprising:

at least one content is stored at said virtual network and said at least one content stored at said virtual network has been previously fetched from a third party computers;

a plurality of contents are hosted by said virtual network;

at least one end user at a client computer accesses a computer and initiates a request for a content wherein said computer from where said client computer is accessing and has initiated said request for said content is same said third party computer from where said virtual network has previously fetched said at least one content from;

said client computer having means to receive said content from said computer;

said content received from said computer by said client computer is a copy of said at least one content previously fetched by said virtual network from said third party computer and stored at said virtual network;

said content received by said client computer from said computer having a plurality of objects;

at least one object of said plurality of objects of said content received from said computer by said client computer having at least one identification means to identify said content received by said client computer from said computer;

once said at least one object of said plurality of objects of said content received from said computer by said client computer and having said at least one identification means is processed by said client computer it will enable said client computer to initiate a communication link with said virtual network and pass said at least one identification means of said at least one object of said plurality of objects of said content received from said computer by said client computer to said virtual network;

said virtual network having means to receive said at least one identification means from said client computer;

said virtual network uses said at least one identification means received from said client computer and identify said at least one content that has

been previously fetched from said third party computer by said virtual network and it is said at least one content stored at said virtual network;

said at least one content identified by said virtual network that has been previously fetched from said third party computer by said virtual network and stored at said virtual network is a copy of said content received by said client computer from said computer;

said at least one content identified by said virtual network that has been previously fetched by said virtual network from said third party computer and stored at said virtual network having a plurality of objects;

said virtual network having means to process said plurality of objects from said at least one content identified by said virtual network that has been previously fetched from said third party computer and stored at said virtual network;

at least one object of said plurality of objects from said at least one content identified by said virtual network that has been previously fetched from said third party computer by said virtual network and stored at said virtual network having a relationship with at least one object of at least one content of said plurality of contents hosted by said virtual network;



said virtual network uses said means to process said plurality of objects from said at least one content identified by said virtual network that has been previously fetched from said third party computer by said virtual network and stored at said virtual network, and processes said plurality of objects from said at least one content identified by said virtual network that has been previously fetched from said third party computer by said virtual network and stored at said virtual network;

said virtual network uses said at least one object of said plurality of objects from said at least one content identified by said virtual network that has been previously fetched from said third party computer by said virtual network and stored at said virtual network, and having a relationship with said at least one object of said at least one content of said plurality of contents as a guiding means for fetching a representation of said at least one content of said plurality of contents having said at least one object which is related with said at least one object of said plurality of objects of said at least one content identified by said virtual network that has been previously fetched from said third party computer by said virtual network and stored at said virtual network;

said virtual network having means to return said fetched representation of said at least one content from said plurality of contents having said at least one object having a relationship with said at least one object of said

plurality of objects of said at least one content identified by said virtual network that has been previously fetched from said third party computer by said virtual network and stored at said virtual network to said client computer;

said client computer having means to receive and display said representation of said at least one content received from said virtual network along with said content received by said client computer from said computer; and

said at least one end user at said client computer will view said representation of said at least one content received from said virtual network by said client computer and said content received from said computer by said client computer as a single content page.

174. (new) The virtual network according to claim 173 wherein said relationship between said at least one object of said plurality of objects from said at least one content identified by said virtual network that has been previously fetched from said third party computer by said virtual network and stored at said virtual network, and said at least one object of said at least one content of said plurality of contents comprises at least one of:

a similar word;

a non-displayable object;

a emphasized word;

a word related to a class of subject matter;

a word related to a category of subject matter;

a html object; and

a matching word.

175. (new) The virtual network according to claim 173 wherein said representation of said at least one content of said plurality of contents comprises at least one of:

a link pointing to a URL address of said at least one content of said plurality of contents;

a link pointing to said at least one content of said plurality of contents;

a portion of said at least one content of said plurality of contents;

a description of said at least one content of said plurality of contents;

said at least one content of said plurality of contents in its completeness;

a html form element representing said at least one content of said plurality of contents;

a html object representing said at least one content of said plurality of contents; and

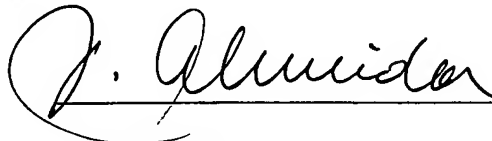
a image representing said at least one content of said plurality of contents.

### REMARKS/ARGUMENTS

In response to Office Action mailed on July 06, 2005. Applicant has cancelled previous claims 59-115 in favor of new claims 116-172, and the new claims address a single independent and distinct invention, in compliance with 37 C.F.R. § 1.141. Since the previous independent claim were held indefinite and not clearly point to the invention, they have been cancelled in preference of the new ones accompanying this letter.

Independent claims 116, 128, 155, 156 and 169, find support at pages 17-36. Independent claim 157 and 173, find support at page 59 (previously modified paragraph). Independent claim 160, please find support at pages 52-59. Independent claim 164, please find support at pages 65-67. Independent claim 168, please find support in the new re-introduced and modified paragraph (page 59).

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "J. Almeida", is written over a horizontal line.

John Almeida

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APPLICANT

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